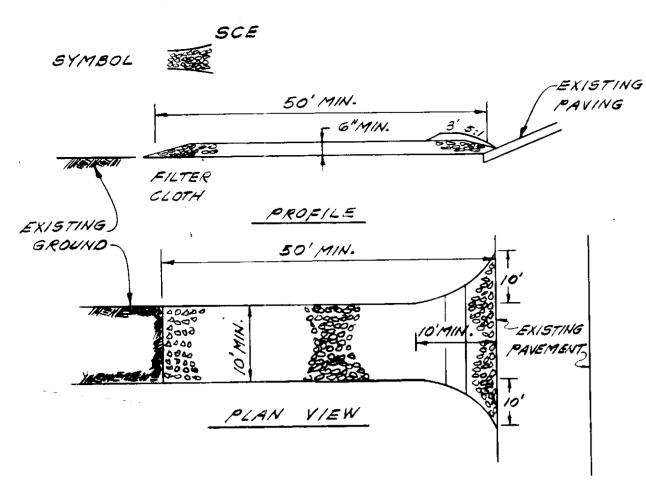


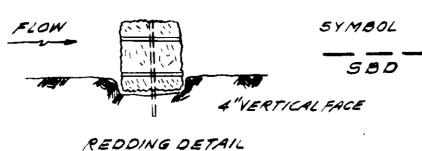
STABILIZED CONSTRUCTION ENTRANCE

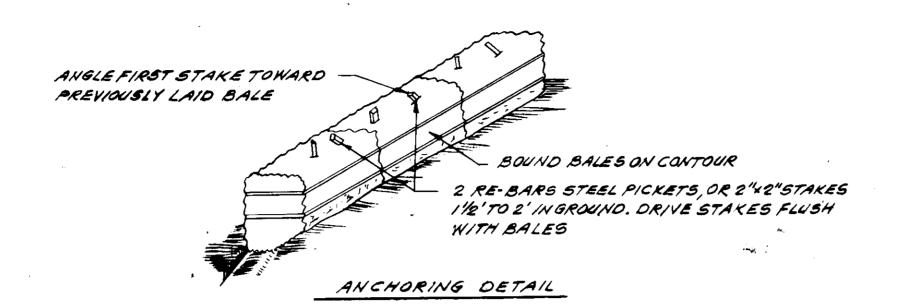


CONSTRUCTION SPECIFICATIONS

- 1. Stone size- Wse 2' stone, or reclaimed or recycled concrete equivalent.
- 2. Length As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
- 3. Thickness -Not less than six (6) inches.
- 4. Width Ten (10) foot minimum, but not less than the full width at
- point where ingress or egress occurs. 5. Filter Gloth - Will be placed over the entire area prior to placing os
- stone. Filler will not be required on a single family residence lot. 6. Surface Water - All surface water flowing or diverted toward construction entrance shall be piped across the entrance. If piping is impractical,
- a mountable beam with 5:1 slopes will be permitted. 7. Maintenance . The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights of way. This may require periodic top fressing with additional stone as conditions demand and repair and/or cleanout of any measure used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights of way must be removed immediately.
- & Mashing offheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping
- % Periodic inspection and needed maintenance shall be provided after each rain.

STRAW BALE DIKE

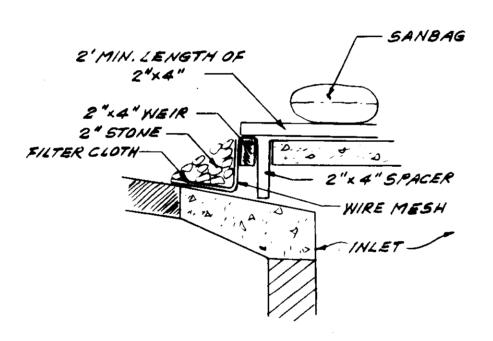




CONSTRUCTION SPECIFICATIONS

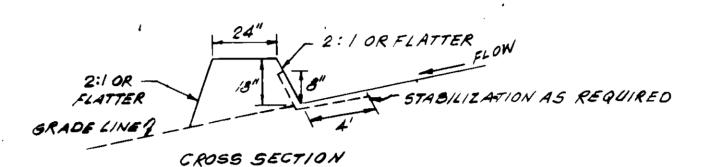
- hales shall be placed at the toe of a slope or on the contour and in a row with ends tightly abutting the adjacent beles.
- 2. Buch hele shall be embedded in the soil a minimum of (4) inches,
- and placed so the bindings are horizontal.
- 30. Bales shell be securely anchored in place by either two stakes or remers driven through the bale. The first stake in each bale shall be driven toward the previously laid bele at an angle to force the beles together. Stakes shall be driven flush with the bele. Enspection shall be frequent and repair replacement shall be made
- promptly as needed.

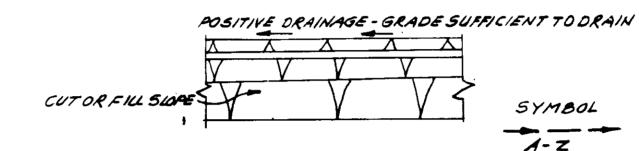
 5. Seles shall be removed when they have served their usefulness so as not to block or impede storm flow or drainage.



INLET PROTECTION DETAIL

EARTH DIKE





1-Z

- 1. All dikes shall be compacted by earth-moving equipment.
- 2. All dikes shall have positive drainage to an outlet. 3. Top width may be wider and side slopes may be flatter if

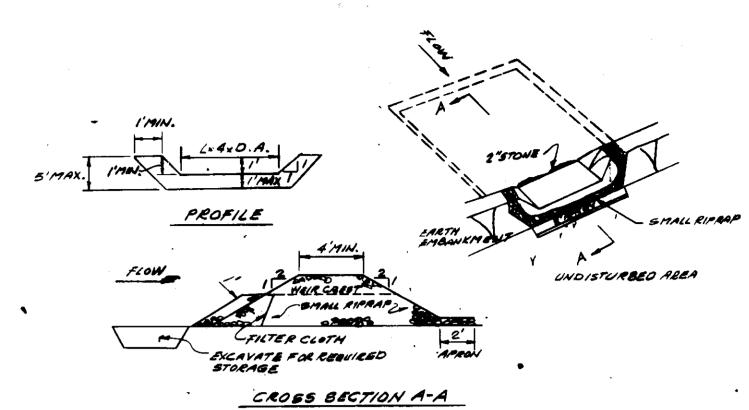
CONSTRUCTION SPECIFICATIONS

- desired to facilitate crossing by construction traffic.
- 4. Field location should be adjusted as needed to utilize a stabilized safe cuflet.
- 5. Earth dikes shall have an outlet that functions with a minimum of erosian. Runoff shall be conveyed to a
- sediment basin where either the dike channel or the drainage area above the dike are not adequately stabilized. 6. Stabilization shall be: (A) In accordance with standard specifications for seed and straw mulch or straw mulch if not in seeding season. (B) Flow channel as per the chart

			→
	FLOW CHAN	NNEL STABILIZATION	
Type of	Channel		•
Treatment	Grade	Dike 🔺	Dike B
1	.5-3.0%	Seed and Straw Mulch	Seed and Straw Mulch
2	3.1-5.0%	Seed and Straw Mulch	Seed using Jute or
			Excelsion; Sody 2" Stone
3	5 .≻ 8.0%	Seed with Jute, or Sod;	Lined Rip-Rap 4-8"
		2" Stone	

- A. Stone to be 2 inch stone, or recycled concrete equivalent, in a layer at least 3 inches in thickness and be pressed into the soil with construction equipment 16 B. Rip-Rap to be 4-8 inches in a layer at least 8 inches thickness and present
- into the soil. C. Approved equivalents can be substituted for any of the above materials.
- 7. Periodic inspection and required maintenance must be provided after each

STONE OUTLET SEDIMENT TRAP I



CONSTRUCTION SPECIFICATIONS FOR ST-V

- 1. Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
- 2. The fill material for the embankment shall be free of roots and other woody vegetation as well as oversized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed.
- 3. All cut and fill slopes shall be 2:1 or flatter.
- 4. The stone used in the outlet shall be small riprap 4"-8" along with a l' thickness* of 2" aggregate placed on the up-grade side on the small riprap or embedded filter cloth in the riprap.
- 5. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap.
- 6. The structure shall be inspected after each rain and repairs made as needed.
- 7. Construction operations shall be carried out in such a manner than erosion and water pollution is minimized.
- 8. The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

APPROVED DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION HOWARD COUNTY, MARYLAND DATE 6-24-85

THIS PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT, CONTROL BY THE HOWARD S.C.O. REVIEWED FOR HOWARD SID AND MEETS. TECHNICAL REQUIREMENTS U.S. BOIL CONSERVATION SERVICE DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS.

CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMIN.

HOWARD COUNTY HEALTH DEPARTMENT.

DO NTY KEALTH OFFICE

CHIEF BUREAU OF ENGINEER ME

DIRECTOR

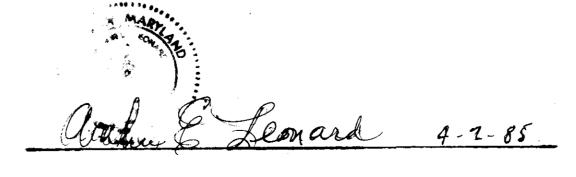
CERTIFICATION BY DEVELOPER

I CERTIFY THAT ALL DEVELOPMENT AND OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION & SEDIMENT CONTROL & THAT ALL RESPONSIBLE PERSONNEL MYOLVED WITH THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENOANCE AT A DEPT. OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT & EROSION BEFORE BEGINNING THE PROJECT.

I AL SO AUTHORIZE PERIODIC ONSITE INSPECTIONS & THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY.

CERTIFICATION BY ENGINEER

I CERTIFY THATTHIS PLAN OF DEVELOPMENT & PLAN FOR EROSION & SEDIMENT CONTROL REPRESENTS A PRACTICAL & WORKABLE PLAN BASED ON MY KNOWLEDGE OF THE SITE CONDITIONS & THAT IT WAS PREPARED IN ACCOR-DANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.



OWNER: HOWARD RESEARCH AND DEVELOPMENT CORP. THE ROUSE GOMPANY COLUMBIA, MARYLAND 992-6000

DEVELOPER JEFFREY SNYDER BOUTON CO. 5 2 17660 # FTH 550A, MO. 208/7 SURVEYORS & ENGINEERS

HUDKINS ASSOCIATES INC. 200 EAST JOPPA ROAD ROOM 101, SHELL BUILDING TOWSON, MARYLAND 21204 828-9060

5HT. 3 OF 3 SEDIMENT CONTROL PLAN LOTS 365 THRU 372 & 376 THRU 379 COLUMBIA KINGS CONTRIVANCE

AREA 3 PHASE 3 9 4- #5044 \$5045 SECTION 2 HOWARD COUNTY, MARYL AND GM. ELECT. DIGT. APRIL 2, 1985

S DP 85-186c

APPROVED: FOR PUBLIC WATER, PUBLIC SEWER, STORM DRAINAGE SYSTAMS & PUBLIC ROADS HOWARD COUNTY DEPT. OF PUBLIC WORKS. 7-10-85 DATE 7-3-85 DATE

7-15-85

7-15-85

7-12-11

DATE

DATE

DATE